

REMARKS

Claims 1-21 will be pending upon entry of the present amendment. Claims 1, 3, 7, 9, and 14-21 are amended. Claims 10-12 and 14-22 were allowed.

Original claims 14-22 are being renumbered as claims 13-21. Inadvertently, no claim 13 was filed in the original application. No substantive amendments are being made to claims 14-22.

The applicants appreciate the indication that claims 3-9 were directed to allowable subject matter. Claims 3, 7, and 9 are being placed in independent form, and thus, are in condition for allowance. Claims 4-6 depend on claim 3 and claim 8 depends on claim 7, and thus, claims 4-6 and 8 are also in condition for allowance.

Claims 1-2 were rejected under 35 U.S.C. § 102 as being anticipated by U.S. Patent No. 5,491,721 to Cornelius et al. ("Cornelius").

Cornelius does not disclose the invention recited in claims 1-2, as amended. Claim 1 is being amended to recite a circuit that includes a detector that is connected to a transmit line without being connected to a receive line. Cornelius does not disclose such a detector that is not connected to a receive line. Instead, Cornelius shows a detector 111 that is connected to lines 107, 108 and the unlabeled lines on the opposite side of the transformer 109 that are used for transmitting and receiving. As explained on pages 2-3 of the Background section of the present application, such an arrangement is much too expensive to be effectively used with standard ADSL lines. Accordingly, claims 1-2 are not anticipated by Cornelius.

Application No. 09/863,800
Reply to Office Action dated September 21, 2004

The Director is authorized to charge any additional fees due by way of this Amendment, or credit any overpayment, to our Deposit Account No. 19-1090.

All of the claims remaining in the application are now clearly allowable. Favorable consideration and a Notice of Allowance are earnestly solicited.

Respectfully submitted,

SEED Intellectual Property Law Group PLLC



Robert Iannucci
Registration No. 33,514

RXI:lmr

Enclosure:
Postcard

701 Fifth Avenue, Suite 6300
Seattle, Washington 98104-7092
Phone: (206) 622-4900
Fax: (206) 682-6031

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